hydrobiologia volume 318 (1996), contents

volume 318, nos. 1–2, january 26, 1996

Biology of Chironomids *Guest Editor*: **Ian R. Walker**

Preface 1

New species of *Oukuriella* (Diptera: Chironomidae) from Costa Rica
by J.H. Epler 3–11

A new species of *Dicrotendipes* (Diptera: Chironomidae) from Costa Rica
by J.H. Epler 13–15

Contribution to the knowledge of female west palaearctic *Glyptotendipes* Kieff. (Diptera, Nematocera, Chironomidae
by R. Contreras-Lichtenberg 17–23

Cytotaxonomy of Chironomidae (Diptera) from Lake Shabla (Bulgaria): cytogenetic evidence for introgressive hybridization
by P.V. Michailova 25–42

Hemoglobin in *Chironomus ramosus* (Insecta, Diptera): an electrophoretic study of polymorphism, developmental sequence and interspecific relationship
by R. Das & R. Handique 43–50

The role of glycogen during the ontogenesis of *Chironomus anthracinus* (Chironomidae, Diptera)
by K. Hamburger, C. Lindegaard & P.C. Dall 51–59

On the relationship between the vertical microdistribution and some adaptations to oxygen stress in littoral Chironomidae (Diptera)
by L. Int Panis, B. Goddeeris & R. Verheyen 61–67

Analysis of chlordane-impacted streams using chironomid pupal exuviae (Diptera: Chironomidae)
by C.A. Wright, L.C. Ferrington, Jr. & N.H. Crisp 69–77

Life cycle of *Hydrobaenus kondoi* Sæther (Chironomidae) at the middle reaches of the Kiso River, Japan
by S. Kondo 79–84

Emergence of Chironomidae from Findley Lake in the coniferous forest of the Cascade Mountains after early and late thaws
by T. Sherk & G. Rau 85–101

Distribution and production of chironomids (Diptera: Chironomidae) in a shallow, alkaline lake (Neusiedler See, Austria)
by G. Wolfram 103–115

Chironomidae from marine coastal environments near St. John's, Newfoundland, Canada
by M.H. Colbo 117–122

Instar distribution and biomass of Chironomidae larvae in Lago El Junco, Isla San Cristobal, the Galápagos
by L.C. Ferrington, Jr. & H.E. Pehofer 123–133

volume 318, no. 3, february 2, 1996

Significant extension in northern Australia of the known geographic range of the Shield Shrimp *Triops australiensis* (Crustacea: Notostraca)
by M.J. Tyler, M. Davies, G.F. Watson & D.J. Williams 135–137

The reproductive biology of the cyprinid, *Thynnichthys thynnoides* (Bleeker), in the Chenderoh Reservoir – a small tropical reservoir in Malaysia
by A.B. Ali & B.-K.A. Kadir 139–151

An assessment of macroinvertebrate functional feeding groups as water quality indicators in the Buffalo River, eastern Cape Province, South Africa
by C.G. Palmer, B. Maart, A.R. Palmer & J.H. O'Keeffe 153–164

Sediment-to-water blue-green algal recruitment in response to alum and environmental factors
by S.S. Perakis, E.B. Welch & J.M. Jacoby 165–177

Distribution and hydraulic significance of large woody debris in a lowland Australian river
by C.J. Gippel, B.L. Finlayson & I.C. O'Neill 179–194

Empirical relationships between cladoceran fauna and trophic state in thirteen northern German lakes: analysis of surficial sediments
by W. Hofmann 195–201

Rediscovery of *Leptestheria dahalacensis* and *Eoleptestheria ticinensis* (Crustacea: Branchiopoda: Spinicaudata): an overview on presence and conservation of clam shrimps in Austria
by W. Hödl & E. Eder 203–206

Limnological survey of Lake Amvrakia, western Greece
by D.B. Danielidis, M. Spartinou & A. Economou-Amilli 207–218

Structural differences between the resting eggs of *Brachionus plicatilis* and *Brachionus rotundiformis* (Rotifera, Brachionidae): en electron microscopic study
by N. Munuswamy, A. Hagiwara, G. Murugan, K. Hirayama & H.J. Dumont 219–223

Book reviews 225–232

Author index 233